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## OCTOBER 1997

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**Cumulated Index Medicus, Vol. 37, 1996:** A cumulation in seventeen volumes of the citations appearing in *Index Medicus*, 1996. Included are Authors and Subject sections, Medical Subject Headings, List of Journals Indexed, and Bibliography of Medical Reviews. Price 1996: $423 ($528.75 foreign) S/N 617-052-00311-2.

**Index Medicus®, 1997:** Published monthly as a bibliographic listing of references to current articles from 3,188 of the world's biomedical journals. Included are subject and author sections and a separate Bibliography of Medical Reviews. *Medical Subject Headings* and *List of Journals Indexed* are also furnished as part of the subscription and may be ordered separately (see below). Monthly issues are in two volumes: Part 1, Subject Section (A-Q), and Part 2, Subject Section (R-Z), Author Section and Bibliography of Medical Reviews. Annual subscription (1997): $310 ($387 foreign). NOTE: Orders received and processed by GPO before October 1 will receive all back issues for the year. Orders handled after that date are processed to begin in January of the next year.

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**List of Journals Indexed in Index Medicus, 1997:** An annual listing of approximately 3,188 journals indexed in *Index Medicus*. Contains four sections: abbreviation, full title, subject, and geographical. (Included with subscription to *Index Medicus*.) Price for individual copies: $22 ($27.50 foreign).

GPO Code: ***IM97***
**(List of Journals Indexed in Index Medicus)**

**Medical Subject Headings, 1997—Supplement to *Index Medicus*:** An alphabetical and categorized list of all of the subject descriptors used to analyze the biomedical literature in the NLM. Subscribers to *Index Medicus* receive this publication as Part 2 of the January issue, also available separately for $63 ($78.75 foreign).

GPO Code: ***IM97*** **(Medical Subject Headings)**

**Abridged Index Medicus, 1997:** A monthly bibliography, based on articles from 121 English-language journals, designed for the individual practitioner and libraries of small hospitals and clinics. Each issue contains citations representing a subset of one month's input into the NLM's computer-based MEDLARS® (Medical Literature Analysis and Retrieval System). Arranged in subject and author sections. Annual subscription: $69 ($86.25 foreign). **NOTE:** The cumulation is no longer published.

**The Abridged Index Medicus (AIM), will cease following the Volume 28, Number 12 (December 1977) issue.**

GPO Subscription Code: ***ABIM***

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**NLM Classification: A Scheme for the Shelf Arrangement of Library Materials in the Field of Medicine and Its Related Sciences, 5th Edition, 1994:** The new edition has been updated to include concepts and terminology from the 1995 edition of Medical Subject Headings (MeSH). The schedules have been revised to reflect developments in biomedicine since publication of the 4th edition (revised in 1981), notably medical informatics, biotechnology, immune complex disease, health services research, and public health. Price: $40 ($50 foreign); S/N 017-052-00319-4.

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# ABRIDGED INDEX MEDICUS

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# INTRODUCTION TO ABRIDGED INDEX MEDICUS

The *Abridged Index Medicus (AIM)* is designed to afford rapid access to selected biomedical journal literature of immediate interest to the professional.

Each issue contains citations from about 120 English-language journals, representing a subset of one month's input into the National Library of Medicine's computer-based MEDLARS® (Medical Literature Analysis and Retrieval System). In the selection of materials for indexing, the National Library of Medicine (NLM) is advised by a chartered committee of distinguished physicians, medical editors, and medical librarians. This group, the Literature Selection Technical Review Committee (LSTRC), meets three times a year to review new titles, and periodically to re-examine current titles. Consideration was given to the quality of the journals, usefulness of journal content for the professional, and the need for providing coverage in the fields of clinical medicine. In some fields, where there are more high-quality journals than could be included in the bibliography, consideration was given to the availability of the journals to the American practitioner. In limiting the size of *AIM* it was necessary to omit many excellent publications. On those occasions when the professional requires a scanning of the literature that is not contained in *AIM*, he may turn to the full *Index Medicus*® and to numerous other bibliographic sources.

Journal issues do not arrive at the National Library of Medicine with perfect regularity, nor is it possible to maintain a precise schedule for indexing. Therefore, a given month's *AIM* may contain citations to articles from more than one issue of a monthly journal, or a journal may not be covered in a given issue of *AIM*.

## USING ABRIDGED INDEX MEDICUS

### Subject Headings

Input to MEDLARS begins with the indexing of journal articles. The content of each article is analyzed and described by a group of terms (subject headings) selected from *Medical Subject Headings (MeSH®)*, the National Library of Medicine's authority list of technical terms. The bibliographic citations in *Abridged Index Medicus* appear under those subject headings. An acquaintance with *MeSH* will help the user of *AIM* determine which specific headings to consult.

When articles are indexed, the most specific term available in *MeSH* is used. Thus, if an article were concerned with aortic coarctation, it would be indexed under that term, rather than the broader HEART DEFECTS, CONGENITAL. Under the latter term, the user would find only: (a) articles dealing with congenital heart defects generally; (b) those that deal in a very general way with a large number of named congenital heart defects; and (c) those that deal with specific congenital heart defects that have not been separately listed in *MeSH*.

The professional who is interested in one concept may find that the broader term is also worth examining for articles of possible interest. Although the user may be interested primarily in the etiology of aortic coarctation, reports on the general subject of the etiology of congenital heart defects may be useful. The user who wants information on some aspect of therapy for congenital heart defects in pediatric practice would certainly want not only the general materials that would appear under HEART DEFECTS, CONGENITAL, but also those concerned with specific congenital heart defects.

Monthly issues of *Abridged Index Medicus* are arranged in two sections: Subject Section and Author Section.

### Subject Section

Each article cited in *AIM* will be found under several subject headings which represent the central concept of the articles. The citation appears in full under each subject heading. Each citation contains the following elements, in order: title of article; first author; journal title abbreviation; date of issue; volume number; issue, part or supplement; and inclusive pagination.

Example:

> The post-transcriptional regulator Rex of the human T-cell leukemia virus type I is present as nucleolar speckles in infected cells. Nosaka T, et al. **Exp Cell Res** 1995 Jul;219(1):122-9

The above citation appears under six subject headings:

CELL NUCLEOLUS
GENE PRODUCTS, REX
HIV-1
HTLV-I
LYMPHOCYTES
NUCLEAR PROTEINS

In the citation, under each of the subject headings, only the first author's name appears. For names of other authors, reference should be made to the Author Section.

Journal titles are abbreviated; the full title may be found by reference to the abbreviation listing starting on the next page.

### Author Section

References in the Author Section cite authors' names; title of article; journal title abbreviation; date of issue; volume number; issue, part or supplement; and inclusive pagination.

Example:

> **Saint S, Bent S, Vittinghoff E, Grady D.** Antibiotics in chronic obstructive pulmonary disease exacerbations. A meta-analysis. JAMA 1995 Mar 22-29;273(12):957-60

Effective with articles published in 1996, the National Library of Medicine increased the number of author names in *Abridged Index Medicus* from 10 to 25. If there are more than 25 authors for an article, the 25 names listed will be the first 24 named authors and the last author in the sequence. All authors listed between the 24th and the final author will be represented by "et al." The complete citation is printed only under the first author's name; names of the second through the twenty-fifth author are cross-referenced to the full citation under the first author's name, thus:

> **Vacek JL, Dittmeier G, Chiarelli T, White J, Bell HH.** Comparison of lovastatin (20 mg) and nicotinic acid (1.2 g) with either drug alone for type II hyperlipoproteinemia. Am J Cardiol 1995 Jul 15;76(3):182-4

**Dittmeier G** see **Vacek JL**
**Chiarelli T** see **Vacek JL**
**White J** see **Vacek JL**
**Bell HH** see **Vacek JL**

Users of *Abridged Index Medicus* are invited to send comments and suggestions to:

Donald A.B. Lindberg, M.D.
Editor-in-Chief, *Index Medicus*
National Library of Medicine
Bethesda, Maryland 20894

# LIST OF JOURNALS INDEXED

## A

ACADEMIC MEDICINE (WASHINGTON DC)
Acad Med

AJR. AMERICAN JOURNAL OF ROENTGENOLOGY (RESTON VA)
AJR Am J Roentgenol

AMERICAN FAMILY PHYSICIAN (KANSAS CITY MO)
Am Fam Physician

AMERICAN HEART JOURNAL (ST. LOUIS MO)
Am Heart J

AMERICAN JOURNAL OF CARDIOLOGY (NEW YORK NY)
Am J Cardiol

AMERICAN JOURNAL OF CLINICAL NUTRITION (BETHESDA MD)
Am J Clin Nutr

AMERICAN JOURNAL OF CLINICAL PATHOLOGY (PHILADELPHIA PA)
Am J Clin Pathol

AMERICAN JOURNAL OF THE MEDICAL SCIENCES (PHILADELPHIA PA)
Am J Med Sci

AMERICAN JOURNAL OF MEDICINE (NEWTON MA)
Am J Med

AMERICAN JOURNAL OF NURSING (NEW YORK NY)
Am J Nurs

AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY (ST. LOUIS MO)
Am J Obstet Gynecol

AMERICAN JOURNAL OF OPHTHALMOLOGY (CHICAGO IL)
Am J Ophthalmol

AMERICAN JOURNAL OF PATHOLOGY (BETHESDA MD)
Am J Pathol

AMERICAN JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION (BALTIMORE MD)
Am J Phys Med Rehabil

AMERICAN JOURNAL OF PSYCHIATRY (WASHINGTON DC)
Am J Psychiatry

AMERICAN JOURNAL OF PUBLIC HEALTH (WASHINGTON DC)
Am J Public Health

AMERICAN JOURNAL OF RESPIRATORY AND CRITICAL CARE MEDICINE (NEW YORK NY)
Am J Respir Crit Care Med

AMERICAN JOURNAL OF SURGERY (NEWTON MA)
Am J Surg

AMERICAN JOURNAL OF TROPICAL MEDICINE AND HYGIENE (MCLEAN VA)
Am J Trop Med Hyg

ANAESTHESIA (LONDON)
Anaesthesia

ANESTHESIA AND ANALGESIA (BALTIMORE MD)
Anesth Analg

ANESTHESIOLOGY (PHILADELPHIA PA)
Anesthesiology

ANNALS OF EMERGENCY MEDICINE (IRVING TX)
Ann Emerg Med

ANNALS OF INTERNAL MEDICINE (PHILADELPHIA PA)
Ann Intern Med

ANNALS OF OTOLOGY, RHINOLOGY AND LARYNGOLOGY (ST. LOUIS MO)
Ann Otol Rhinol Laryngol

ANNALS OF SURGERY (PHILADELPHIA PA)
Ann Surg

ANNALS OF THORACIC SURGERY (NEW YORK NY)
Ann Thorac Surg

ARCHIVES OF DERMATOLOGY (CHICAGO IL)
Arch Dermatol

ARCHIVES OF DISEASE IN CHILDHOOD (LONDON)
Arch Dis Child

ARCHIVES OF DISEASE IN CHILDHOOD. FETAL AND NEONATAL EDITION (LONDON)
Arch Dis Child Fetal Neonatal Ed

ARCHIVES OF ENVIRONMENTAL HEALTH (WASHINGTON DC)
Arch Environ Health

ARCHIVES OF GENERAL PSYCHIATRY (CHICAGO IL)
Arch Gen Psychiatry

ARCHIVES OF INTERNAL MEDICINE (CHICAGO IL)
Arch Intern Med

ARCHIVES OF NEUROLOGY (CHICAGO IL)
Arch Neurol

ARCHIVES OF OPHTHALMOLOGY (CHICAGO IL)
Arch Ophthalmol

ARCHIVES OF OTOLARYNGOLOGY -- HEAD AND NECK SURGERY (CHICAGO IL)
Arch Otolaryngol Head Neck Surg

ARCHIVES OF PATHOLOGY AND LABORATORY MEDICINE (CHICAGO IL)
Arch Pathol Lab Med

ARCHIVES OF PEDIATRICS AND ADOLESCENT MEDICINE (CHICAGO IL)
Arch Pediatr Adolesc Med

ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION (PHILADELPHIA PA)
Arch Phys Med Rehabil

ARCHIVES OF SURGERY (CHICAGO IL)
Arch Surg

ARTHRITIS AND RHEUMATISM (PHILALDELPHIA PA)
Arthritis Rheum

## B

BLOOD (DULUTH MN)
Blood

BMJ (LONDON)
BMJ

BRAIN (OXFORD)
Brain

BRITISH JOURNAL OF OBSTETRICS AND GYNAECOLOGY (OXFORD)
Br J Obstet Gynaecol

BRITISH JOURNAL OF RADIOLOGY (LONDON)
Br J Radiol

BRITISH JOURNAL OF RHEUMATOLOGY (LONDON)
Br J Rheumatol

BRITISH JOURNAL OF SURGERY (GUILDFORD)
Br J Surg

## C

CA: A CANCER JOURNAL FOR CLINICIANS (PHILADELPHIA PA)
CA Cancer J Clin

CANADIAN MEDICAL ASSOCIATION JOURNAL (OTTAWA)
Can Med Assoc J

CANCER (NEW YORK NY)
Cancer

CHEST (NORTHBROOK IL)
Chest

CIRCULATION (DALLAS TX)
Circulation

CLINICAL ORTHOPAEDICS AND RELATED RESEARCH (PHILADELPHIA PA)
Clin Orthop

CLINICAL PEDIATRICS (GLEN HEAD NY)
Clin Pediatr (Phila)

CLINICAL PHARMACOLOGY AND THERAPEUTICS (ST. LOUIS MO)
Clin Pharmacol Ther

CRITICAL CARE MEDICINE (BALTIMORE MD)
Crit Care Med

CURRENT PROBLEMS IN SURGERY (ST. LOUIS MO)
Curr Probl Surg

## D

DIABETES (ALEXANDRIA VA)
Diabetes

DIGESTIVE DISEASES AND SCIENCES (NEW YORK NY)
Dig Dis Sci

DISEASE-A-MONTH (ST.LOUIS MO)
Dis Mon

## E

ENDOCRINOLOGY (BALTIMORE MD)
Endocrinology

## G

GASTROENTEROLOGY (PHILADELPHIA PA)
Gastroenterology

GERIATRICS (DULUTH MN)
Geriatrics

GUT (LONDON)
Gut

## H

HEART (LONDON)
Heart

HEART AND LUNG (ST. LOUIS MO)
Heart Lung

HOSPITAL PRACTICE (OFFICE EDITION) (NEW YORK NY)
Hosp Pract (Off Ed)

HOSPITALS AND HEALTH NETWORKS (CHICAGO IL)
Hosp Health Netw

## J

JAMA (CHICAGO IL)
JAMA

JOURNAL OF ALLERGY AND CLINICAL IMMUNOLOGY (ST. LOUIS MO)
J Allergy Clin Immunol

JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY (NEW YORK NY)
J Am Coll Cardiol

JOURNAL OF THE AMERICAN COLLEGE OF SURGEONS (CHICAGO IL)
J Am Coll Surg

JOURNAL OF THE AMERICAN DIETETIC ASSOCIATION (CHICAGO IL)
J Am Diet Assoc

# LIST OF JOURNALS INDEXED

JOURNAL OF BONE AND JOINT SURGERY. AMERICAN VOLUME (BOSTON MA)
J Bone Joint Surg Am

JOURNAL OF BONE AND JOINT SURGERY. BRITISH VOLUME (LONDON)
J Bone Joint Surg Br

JOURNAL OF CLINICAL ENDOCRINOLOGY AND METABOLISM (BETHESDA MD)
J Clin Endocrinol Metab

JOURNAL OF CLINICAL INVESTIGATION (NEW YORK NY)
J Clin Invest

JOURNAL OF CLINICAL PATHOLOGY (LONDON)
J Clin Pathol

JOURNAL OF FAMILY PRACTICE (EAST NORWALK CT)
J Fam Pract

JOURNAL OF IMMUNOLOGY (BALTIMORE MD)
J Immunol

JOURNAL OF INFECTIOUS DISEASES (CHICAGO IL)
J Infect Dis

JOURNAL OF LABORATORY AND CLINICAL MEDICINE (ST. LOUIS MO)
J Lab Clin Med

JOURNAL OF LARYNGOLOGY AND OTOLOGY (LONDON)
J Laryngol Otol

JOURNAL OF NERVOUS AND MENTAL DISEASE (BALTIMORE MD)
J Nerv Ment Dis

JOURNAL OF NEUROSURGERY (BALTIMORE MD)
J Neurosurg

JOURNAL OF NURSING ADMINISTRATION (WAKEFIELD MA)
J Nurs Adm

JOURNAL OF ORAL AND MAXILLOFACIAL SURGERY (PHILADELPHIA PA)
J Oral Maxillofac Surg

JOURNAL OF PEDIATRICS (ST. LOUIS MO)
J Pediatr

JOURNAL OF THORACIC AND CARDIOVASCULAR SURGERY (ST. LOUIS MO)
J Thorac Cardiovasc Surg

JOURNAL OF TOXICOLOGY. CLINICAL TOXICOLOGY (NEW YORK NY)
J Toxicol Clin Toxicol

JOURNAL OF TRAUMA (BALTIMORE MD)
J Trauma

JOURNAL OF UROLOGY (BALTIMORE MD)
J Urol

JOURNALS OF GERONTOLOGY. SERIES A, BIOLOGICAL SCIENCES AND MEDICAL SCIENCES (WASHINGTON DC)
J Gerontol A Biol Sci Med Sci

JOURNALS OF GERONTOLOGY. SERIES B, PSYCHOLOGICAL SCIENCES AND SOCIAL SCIENCES (WASHINGTON DC)
J Gerontol B Psychol Sci Soc Sci

## L

LANCET (LONDON)
Lancet

## M

MAYO CLINIC PROCEEDINGS (ROCHESTER MN)
Mayo Clin Proc

MEDICAL CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Med Clin North Am

MEDICAL LETTER ON DRUGS AND THERAPEUTICS (NEW ROCHELLE NY)
Med Lett Drugs Ther

MEDICINE (BALTIMORE MD)
Medicine (Baltimore)

## N

NEUROLOGY (BOSTON MA)
Neurology

NEW ENGLAND JOURNAL OF MEDICINE (BOSTON MA)
N Engl J Med

NURSING CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Nurs Clin North Am

NURSING OUTLOOK (ST. LOUIS MO)
Nurs Outlook

NURSING RESEARCH (NEW YORK NY)
Nurs Res

## O

OBSTETRICS AND GYNECOLOGY (NEW YORK NY)
Obstet Gynecol

ORTHOPEDIC CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Orthop Clin North Am

## P

PEDIATRIC CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Pediatr Clin North Am

PEDIATRICS (EVANSTON IL)
Pediatrics

PHYSICAL THERAPY (ALEXANDRIA VA)
Phys Ther

PLASTIC AND RECONSTRUCTIVE SURGERY (BALTIMORE MD)
Plast Reconstr Surg

POSTGRADUATE MEDICINE (MINNEAPOLIS MN)
Postgrad Med

PROGRESS IN CARDIOVASCULAR DISEASES (NEW YORK NY)
Prog Cardiovasc Dis

PUBLIC HEALTH REPORTS (BOSTON MA)
Public Health Rep

## R

RADIOLOGIC CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Radiol Clin North Am

RADIOLOGY (EASTON PA)
Radiology

## S

SOUTHERN MEDICAL JOURNAL (BIRMINGHAM AL)
South Med J

SURGERY (ST. LOUIS MO)
Surgery

SURGICAL CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Surg Clin North Am

## U

UROLOGIC CLINICS OF NORTH AMERICA (PHILADELPHIA PA)
Urol Clin North Am

## W

WESTERN JOURNAL OF MEDICINE (SAN FRANCISCO CA)
West J Med

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| CBM No. | Title |
|---|---|
| 96-8 | Unified medical language system (UMLS). January 1986 through December 1996. 280 citations. [S/N 817-012-00008-6] |
| 96-7 | Interventions to prevent HIV risk behaviors. January 1991 through November 1996. 424 citations. [S/N 817-012-00007-8] |
| 96-6 | American indian and alaska native health. January 1990 through September 1996. 2050 citations. [S/N 817-012-00006-0] |
| 96-5 | Breast cancer screening in women ages 40-49. January 1985 through November 1996. 334 citations. [S/N 817-012-00005-1] |
| 96-4 | Public health informatics. January 1980 through December 1995. 471 citations. [S/N 817-012-00004-3] |
| 96-3* | The role of dietary supplements for physically active people. January 1966 to April 1996. 762 citations. [817-012-00003-5] |
| 96-2* | Management of Temporomandibular Disorders. January 1990 through December 1995. 917 citations. [817-012-00002-7] |
| **96-1*** | Cervical Cancer. January 1993 through March 1996. 926 citations. [817-012-00001-9] |
| 95-10 | Confidentiality of electronic health data. January 1990 through March 1996. 448 citations. [S/N 817-011-00010-1] |
| 95-9 | Viral hemorrhagic fever. January 1990 through June 1996. 1723 citations. [S/N 817-011-00009-8] |
| 95-8 | Critical Pathways. January 1988 through December 1995. 753 citations. [S/N 817-011-00008-0] |
| 95-7* | Physical activity and cardiovascular health. January 1990 through September 1995. 1966 citations. [S/N 817-011-00007-1] |
| 95-6* | Integration of behavioral and relaxation approaches into the treatment of chronic pain and insomnia. January 1985 through July 1995. 1147 citations. [S/N 817-011-00006-3] |
| 95-5 | Whole-body irradiation. January 1944 through December 1974. 229 citations. [S/N 817-011-00005-5] |
| 95-4 | Telemedicine: past, present, future. January 1966 through March 1995. 1634 citations.[S/N 817-011-00004-7] |
| 95-3 | Asian/Pacific islander American health. January 1990 through March 1995. 1197 citations. [S/N 817-011-00003-9] |
| 95-2* | Cochlear implants. April 1988 through March 1995. 881 citations. [S/N 817-011-00002-1] |
| **95-1*** | Gaucher disease. January 1984 through January 1995. 594 citations. [S/N 817-011-00001-2] |
| 94-10* | Infectious disease testing for blood transfusions. January 1975 through October 1994. 1888 Citations. [S/N 817-010-00010-5] |
| 94-9* | Bioelectric impedance analysis in body composition measurement. January 1989 through December 1994. 627 citations. [S/N 817-010-00009-1] |
| 94-8 | Silicone implants. 1810 citations. January 1989 through August 1994. Updates and contains all citations from CBM 92-6 Silicone Implants. [S/N 817-010-00008-3] |
| 94-7 | Psychosocial aspects of AIDS. 1275 citations. January 1992 through May 1994. [S/N 817-010-00007-5] |
| 94-6 | Hispanic-American health. 1799 citations. January 1990 through July 1994. [S/N 817-010-00006-7] |
| 94-5* | Total hip replacement. January 1991 through April 1994. 1095 citations. [S/N 817-010-00005-9] |
| 94-4* | Optimal calcium intake. January 1990 through April 1994. 775 citations. [S/N 817-010-00004-1] |
| 94-3* | Persian gulf experience and health. January 1971 through March 1994. 594 citations. [S/N 817-010-00003-2] |
| 94-2* | Ovarian cancer. January 1990 through January 1994 plus selected earlier references. 1908 citations. [S/N 817-010-00002-4] |
| **94-1*** | Effect of corticosteroids for fetal maturation on perinatal outcomes. January 1985 through December 1993. 715 citations. [S/N 817-010-00001-6] |
| 93-7 | Community-based health care models. January 1987 through August 1993.113 citations. [S/N817-009-00007-7] |
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Longitudinal study of beta- and alpha-adrenergic receptor properties during human pregnancy. Pantuck CB, et al. **Am J Obstet Gynecol** 1997 Jul;177(1):234-42

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Growth inhibition of new human thyroid carcinoma cell lines by activation of adenylate cyclase through the beta-adrenergic receptor. Ohta K, et al. **J Clin Endocrinol Metab** 1997 Aug;82(8):2633-8

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X inactivation in human testicular tumors. XIST expression and androgen receptor methylation status. Looijenga LH, et al. **Am J Pathol** 1997 Aug;151(2):581-90
Evidence for clonal origin of neoplastic neuronal and glial cells in gangliogliomas. Zhu JJ, et al. **Am J Pathol** 1997 Aug;151(2):565-71
Phenotypic diversity in siblings with partial androgen insensitivity syndrome. Evans BA, et al. **Arch Dis Child** 1997 Jun;76(6):529-31 (27 ref.)

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Association of angiotensin converting enzyme and angiotensin II type 1 receptor genotypes with left ventricular function and mass in patients with angiographically normal coronary arteries [see comments] Hamon M, et al. **Heart** 1997 Jun;77(6):502-5. Comment in: Heart 1997 Jun;77(6):489-90.
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Induction of germinal center B cell markers in vitro by activated CD4+ T lymphocytes: the role of CD40 ligand, soluble factors, and B cell antigen receptor cross-linking. Lahvis GP, et al. **J Immunol** 1997 Aug 15;159(4):1783-93
A functional B cell receptor transgene allows efficient IL-7-independent maturation of B cell precursors. Melamed D, et al. **J Immunol** 1997 Aug 1;159(3):1233-9

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Use of T cell receptor/HLA-DRB1*04 molecular modeling to predict site-specific interactions for the DR shared epitope associated with rheumatoid arthritis. Penzotti JE, et al. **Arthritis Rheum** 1997 Jul;40(7):1316-26
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Enteropathy associated T cell lymphoma presenting as an isolated CNS lymphoma three years after diagnosis of coeliac disease: T cell receptor polymerase chain reaction studies failed to show the original enteropathy to be a clonal disorder. Tutt AN, et al. **Gut** 1997 Jun;40(6):801-3
Immunodominance of a low-affinity major histocompatibility complex-binding myelin basic protein epitope (residues 111-129) in HLA-DR4 (B1*0401) subjects is associated with a restricted T cell receptor repertoire. Muraro PA, et al. **J Clin Invest** 1997 Jul 15;100(2):339-49

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The role of protein kinase C in CD8+ T lymphocyte effector responses. Nesic D, et al. **J Immunol** 1997 Jul 15; 159(2):582-90
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Normal junctional diversification of immune receptors in p53-deficient mice. Wang C, et al. **J Immunol** 1997 Jul 15;159(2):757-62

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A chromosome 14q11/TCR alpha/delta specific yeast artificial chromosome improves the detection rate and characterization of chromosome abnormalities in T-lymphoproliferative disorders. Rack KA, et al. **Blood** 1997 Aug 1;90(3):1233-40
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Type 1 versus type 2 cytokine release by Vbeta T cell subpopulations determines in vivo antitumor reactivity: IL-10 mediates a suppressive role. Aruga A, et al. **J Immunol** 1997 Jul 15;159(2):664-73
Deviated overexpression of TCR-beta, TCR-gamma, CD4, and CD8 on thymic lymphomas induced by 1-propyl-1-nitrosourea: destruction of the allelic exclusion of TCR-beta and expression of functional TCR-betagamma heterodimer on a lymphoma, cFTL53. Kinebuchi M, et al. **J Immunol** 1997 Jul 15;159(2):748-56
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Concurrent or sequential delta and beta TCR gene rearrangement during thymocyte development: individual thymi follow distinct pathways. Margolis D, et al. **J Immunol** 1997 Jul 15;159(2):529-33
Peptide antigen or superantigen-induced down-regulation of TCRs involves both stimulated and unstimulated receptors. Niedergang F, et al. **J Immunol** 1997 Aug 15;159(4):1703-10
Recombinant soluble alphabeta T cell receptors protect T cells from immune suppression: requirement for aggregated multimeric, disulfide-linked alphabeta heterodimers. Paliwal V, et al. **J Immunol** 1997 Aug 15;159(4):1718-27

## RECEPTORS, ANTIGEN, T-CELL, GAMMA-DELTA

Molecular analysis of T-cell clonality in ulcerative jejunitis and enteropathy-associated T-cell lymphoma. Ashton-Key M, et al. **Am J Pathol** 1997 Aug;151(2):493-8
Detectable molecular residual disease at the beginning of maintenance therapy indicates poor outcome in children with T-cell acute lymphoblastic leukemia. Dibenedetto SP, et al. **Blood** 1997 Aug 1;90(3):1226-32
A chromosome 14q11/TCR alpha/delta specific yeast artificial chromosome improves the detection rate and characterization of chromosome abnormalities in T-lymphoproliferative disorders. Rack KA, et al. **Blood** 1997 Aug 1;90(3):1233-40
Single-cell cytokine analysis of gamma delta T cell responses to nonpeptide mycobacterial antigens. García VE, et al. **J Immunol** 1997 Aug 1;159(3):1328-35
Deviated overexpression of TCR-beta, TCR-gamma, CD4, and CD8 on thymic lymphomas induced by 1-propyl-1-nitrosourea: destruction of the allelic exclusion of TCR-beta and expression of functional TCR-betagamma heterodimer on a lymphoma, cFTL53. Kinebuchi M, et al. **J Immunol** 1997 Jul 15;159(2):748-56
Concurrent or sequential delta and beta TCR gene rearrangement during thymocyte development: individual thymi follow distinct pathways. Margolis D, et al. **J Immunol** 1997 Jul 15;159(2):529-33
The role of gammadelta T lymphocytes in lipopolysaccharide-induced eosinophil accumulation into the mouse pleural cavity. Penido C, et al. **J Immunol** 1997 Jul 15;159(2):853-60

## RECEPTORS, CALCITONIN

Characterization of amylin and calcitonin receptor binding in the mouse alpha-thyroid-stimulating hormone thyrotroph cell line. Perry KJ, et al. **Endocrinology** 1997 Aug;138(8):3486-96

## RECEPTORS, CALCITRIOL

Vitamin D receptor genotype is associated with radiographic osteoarthritis at the knee. Uitterlinden AG, et al. **J Clin Invest** 1997 Jul 15;100(2):259-63

## RECEPTORS, CELL SURFACE

Inhibition of human immunodeficiency virus type 1 infectivity by secretory leukocyte protease inhibitor occurs prior to viral reverse transcription. McNeely TB, et al. **Blood** 1997 Aug 1;90(3):1141-9
Sporadic hypoparathyroidism caused by de Novo gain-of-function mutations of the Ca(2+)-sensing receptor. De Luca F, et al. **J Clin Endocrinol Metab** 1997 Aug;82(8):2710-5
Two novel missense mutations in calcium-sensing receptor gene associated with neonatal severe hyperparathyroidism. Kobayashi M, et al. **J Clin Endocrinol Metab** 1997 Aug; 82(8):2716-9
Identification of functional endothelial protein C receptor in human plasma. Kurosawa S, et al. **J Clin Invest** 1997 Jul 15;100(2):411-8
Plasmin and plasminogen activator inhibitor type 1 promote cellular motility by regulating the interaction between the urokinase receptor and vitronectin. Waltz DA, et al. **J Clin Invest** 1997 Jul 1;100(1):58-67
Receptor-mediated cellular entry of nuclear localizing anti-DNA antibodies via myosin 1. Yanase K, et al. **J Clin Invest** 1997 Jul 1;100(1):25-31

## RECEPTORS, CHOLINERGIC

A 17-Mer self-peptide of acetylcholine receptor binds to B cell MHC class II, activates helper T cells, and stimulates autoantibody production and electrophysiologic signs of myasthenia gravis. Yoshikawa H, et al. **J Immunol** 1997 Aug 1;159(3):1570-7

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Evidence that the two C1q binding membrane proteins, gC1q-R and cC1q-R, associate to form a complex. Ghebrehiwet B, et al. **J Immunol** 1997 Aug 1; 159(3):1429-36
TNF-alpha-mediated expression of the receptor for anaphylatoxin C5a on neurons in experimental Listeria meningoencephalitis. Stahel PF, et al. **J Immunol** 1997 Jul 15;159(2):861-9

## RECEPTORS, COMPLEMENT 3B

Mouse complement receptors type 1 (CR1;CD35) and type 2 (CR2;CD21): expression on normal B cell subpopulations and decreased levels during the development of autoimmunity in MRL/lpr mice. Takahashi K, et al. **J Immunol** 1997 Aug 1;159(3):1557-69

## RECEPTORS, COMPLEMENT 3D

Mouse complement receptors type 1 (CR1;CD35) and type 2 (CR2;CD21): expression on normal B cell subpopulations and decreased levels during the development of autoimmunity in MRL/lpr mice. Takahashi K, et al. **J Immunol** 1997 Aug 1;159(3):1557-69

## RECEPTORS, CORTICOTROPIN-RELEASING HORMONE

Expression of genes encoding corticotropin-releasing factor (CRF), type 1 CRF receptor, and CRF-binding protein and localization of the gene products in the human ovary. Asakura H, et al. **J Clin Endocrinol Metab** 1997 Aug; 82(8):2720-5

## RECEPTORS, CYTOKINE

Integrin stimulation regulates polymorphonuclear leukocytes inflammatory cytokine expression. Simms HH, et al. **Ann Surg** 1997 Jun;225(6):757-63; discussion 763-5
Abnormal expression of the B-cell homing chemokine receptor BLR1 during the progression of acquired immunodeficiency syndrome. Förster R, et al. **Blood** 1997 Jul 15;90(2):520-5
Inhibition of immature erythroid progenitor cell proliferation by macrophage inflammatory protein-1alpha by interacting mainly with a C-C chemokine receptor, CCR1. Su S, et al. **Blood** 1997 Jul 15;90(2):605-11
Receptor expression and responsiveness of human dendritic cells to a defined set of CC and CXC chemokines. Sozzani S, et al. **J Immunol** 1997 Aug 15;159(4):1993-2000
Inhibition of acute peritoneal inflammation in rats by a cytokine-induced neutrophil chemoattractant receptor antagonist. Zagorski J, et al. **J Immunol** 1997 Aug 1; 159(3):1059-62
Dual effect of CCR5 delta 32 gene deletion in HIV-1-infected patients. Copenhagen AIDS Study Group [letter] Garred P, et al. **Lancet** 1997 Jun 28;349(9069):1884

## RECEPTORS, CYTOPLASMIC AND NUCLEAR

Tissue distribution and quantification of the expression of mRNAs of peroxisome proliferator-activated receptors and liver X receptor-alpha in humans: no alteration in adipose tissue of obese and NIDDM patients. Auboeuf D, et al. **Diabetes** 1997 Aug;48(8):1319-27

## RECEPTORS, DOPAMINE D2

Disrupted pattern of D2 dopamine receptors in the temporal lobe in schizophrenia. A postmortem study. Goldsmith SK, et al. **Arch Gen Psychiatry** 1997 Jul;54(7):649-58

## RECEPTORS, ENDOTHELIN

Gastric mucosal injury induced by local ischemia-reperfusion in rats. Role of endogenous endothelin-1 and free radical. Hassan M, et al. **Dig Dis Sci** 1997 Jul;42(7):1375-80

## RECEPTORS, EPIDERMAL GROWTH FACTOR-UROGASTRONE

Molecular profile of advanced-stage transitional cell carcinoma of the ovary. Gershenson DM, et al. **Am J Obstet Gynecol** 1997 Jul;177(1):120-5
Distribution of epidermal growth factor receptor and ligands during bronchiolar epithelial repair from naphthalene-induced Clara cell injury in the mouse. Van Winkle LS, et al. **Am J Pathol** 1997 Aug;151(2):443-59

## RECEPTORS, ESTROGEN

Oestrogen receptors and breast cancer [editorial] Elledge RM, et al. **BMJ** 1997 Jun 28;314(7098):1843-4
Influence of BRCA1 mutations on nuclear grade and estrogen receptor status of breast carcinoma in Ashkenazi Jewish women. Karp SE, et al. **Cancer** 1997 Aug 1;80(3):435-41
Expression of estrogen receptor-beta in human breast tumors. Dotzlaw H, et al. **J Clin Endocrinol Metab** 1997 Jul; 82(7):2371-4

## RECEPTORS, FC

Stimulation of Fc gamma receptors in rat peritoneal macrophages induces the expression of nitric oxide synthase and chemokines by mechanisms showing different sensitivities to antioxidants and nitric oxide donors. Bayón Y, et al. **J Immunol** 1997 Jul 15;159(2):887-94
Differential effects of the T helper cell type 2-derived cytokines IL-4 and IL-5 on ligand binding to IgG and IgA receptors expressed by human eosinophils. Bracke M, et al. **J Immunol** 1997 Aug 1;159(3):1459-65
Cross-linking of the IgM receptor induces rapid translocation of IgM-associated Ig alpha, Lyn, and Syk tyrosine kinases to the membrane skeleton. Jugloff LS, et al. **J Immunol** 1997 Aug 1;159(3):1096-106
Induction of tolerance to human gamma-globulin in FcR gamma- and Fc gammaRII-deficient mice. Whitmer KJ, et al. **J Immunol** 1997 Jul 15;159(2):644-9

## RECEPTORS, FIBRONECTIN

Thrombopoietin promotes adhesion of primitive human hemopoietic cells to fibronectin and vascular cell adhesion molecule-1: role of activation of very late antigen (VLA)-4 and VLA-5. Cui L, et al. **J Immunol** 1997 Aug 15; 159(4):1961-9

## RECEPTORS, FSH

A role for neurotransmitters in early follicular development: induction of functional follicle-stimulating hormone receptors in newly formed follicles of the rat ovary. Mayerhofer A, et al. **Endocrinology** 1997 Aug; 138(8):3320-9

## RECEPTORS, GABA-A

Candidate gene study of eight GABAA receptor subunits in panic disorder. Crowe RR, et al. **Am J Psychiatry** 1997 Aug;154(8):1096-100

## RECEPTORS, GLUCOCORTICOID

Glucocorticoid receptor regulates expression of L-selectin and CD11/CD18 on human neutrophils. Filep JG, et al. **Circulation** 1997 Jul 1;96(1):295-301
Hypothalamic-pituitary-adrenocortical axis changes in a transgenic mouse with impaired glucocorticoid receptor function. Karanth S, et al. **Endocrinology** 1997 Aug; 138(8):3476-85

## RECEPTORS, GRANULOCYTE COLONY-STIMULATING FACTOR

Jak1 plays an essential role for receptor phosphorylation and Stat activation in response to granulocyte colony-stimulating factor. Shimoda K, et al. **Blood** 1997 Jul 15;90(2):597-604

## RECEPTORS, GRANULOCYTE-MACROPHAGE COLONY-STIMULATING FACTOR

Hematopoietic and lymphopoietic responses in human granulocyte-macrophage colony-stimulating factor (GM-CSF) receptor transgenic mice injected with human GM-CSF. Nishijima I, et al. **Blood** 1997 Aug 1;90(3):1031-8

## RECEPTORS, HIV

Functional expression of the CXC-chemokine receptor-4/fusin on mouse microglial cells and astrocytes. Tanabe S, et al. **J Immunol** 1997 Jul 15;159(2):905-11

Dual effect of CCR5 delta 32 gene deletion in HIV-1-infected patients. Copenhagen AIDS Study Group [letter] Garred P, et al. **Lancet** 1997 Jun 28;349(9069):1884

## RECEPTORS, IGE

The 25-kDa soluble CD23 activates type III constitutive nitric oxide-synthase activity via CD11b and CD11c expressed by human monocytes. Aubry JP, et al. **J Immunol** 1997 Jul 15;159(2):614-22

Fc epsilonRI-deficient mice infected with Schistosoma mansoni mount normal Th2-type responses while displaying enhanced liver pathology. Jankovic D, et al. **J Immunol** 1997 Aug 15;159(4):1868-75

## RECEPTORS, IGG

Fc gammaRII (CD32) is linked to apoptotic pathways in murine granulocyte precursors and mature eosinophils. de Andrés B, et al. **Blood** 1997 Aug 1;90(3):1267-74

Fc gammaRIIIa-158V/F polymorphism influences the binding of IgG by natural killer cell Fc gammaRIIIa, independently of the Fc gammaRIIIa-48L/R/H phenotype. Koene HR, et al. **Blood** 1997 Aug 1; 90(3):1109-14

Differential effects of the T helper cell type 2-derived cytokines IL-4 and IL-5 on ligand binding to IgG and IgA receptors expressed by human eosinophils. Bracke M, et al. **J Immunol** 1997 Aug 1;159(3):1459-65

Congenic mapping of the insulin-dependent diabetes (Idd) gene, Idd10, localizes two genes mediating the Idd10 effect and eliminates the candidate Fcgr1. Podolin PL, et al. **J Immunol** 1997 Aug 15;159(4):1835-43

## RECEPTORS, IMMUNOLOGIC

Anti-inflammatory therapies to treat sepsis and septic shock: a reassessment [editorial; comment] Zeni F, et al. **Crit Care Med** 1997 Jul;25(7):1095-100 (38 ref.). Comment on: Crit Care Med 1997 Jul;25(7):1115-24.

Oxidized or acetylated low density lipoproteins are rapidly cleared by the liver in mice with disruption of the scavenger receptor class A type I/II gene. Ling W, et al. **J Clin Invest** 1997 Jul 15;100(2):244-52

Melatonin enhances IL-2, IL-6, and IFN-gamma production by human circulating CD4+ cells: a possible nuclear receptor-mediated mechanism involving T helper type 1 lymphocytes and monocytes. Garcia-Mauriño S, et al. **J Immunol** 1997 Jul 15;159(2):574-81

## RECEPTORS, INSULIN-LIKE-GROWTH FACTOR I

Decreased expression of Wilms' tumor gene WT-1 and elevated expression of insulin growth factor-II (IGF-II) and type 1 IGF receptor genes in prostatic stromal cells from patients with benign prostatic hyperplasia. Dong G, et al. **J Clin Endocrinol Metab** 1997 Jul;82(7):2198-203

## RECEPTORS, INTERLEUKIN

Interleukin-6 and its soluble receptor regulate the expression of insulin-like growth factor binding protein-5 in osteoblast cultures. Franchimont N, et al. **Endocrinology** 1997 Aug; 138(8):3380-6

Interleukin-6 and the interleukin-6 receptor in the human adrenal gland: expression and effects on steroidogenesis. Päth G, et al. **J Clin Endocrinol Metab** 1997 Jul; 82(7):2343-9

Soluble IL-6 receptor leads to a paracrine modulation of the IL-6-induced hepatic acute phase response in double transgenic mice. Peters M, et al. **J Immunol** 1997 Aug 1; 159(3):1474-81

Characterization of IL-12 receptor beta1 chain (IL-12Rbeta1)-deficient mice: IL-12Rbeta1 is an essential component of the functional mouse IL-12 receptor. Wu C, et al. **J Immunol** 1997 Aug 15;159(4):1658-65

## RECEPTORS, INTERLEUKIN-1

Unopposed interleukin-1 is necessary for increased plasma cytokine and eicosanoid levels to develop in severe sepsis. Slotman GJ, et al. **Ann Surg** 1997 Jul;226(1):77-84

The pattern of interleukin-1beta (IL-1beta) and its modulating agents IL-1 receptor antagonist and IL-1 soluble receptor type II in acute meningococcal infections. van Deuren M, et al. **Blood** 1997 Aug 1;90(3):1101-8

Confirmatory interleukin-1 receptor antagonist trial in severe sepsis: a phase III, randomized, double-blind, placebo-controlled, multicenter trial. The Interleukin-1 Receptor Antagonist Sepsis Investigator Group [see comments] Opal SM, et al. **Crit Care Med** 1997 Jul; 25(7):1115-24. Comment in: Crit Care Med 1997 Jul;25(7):1095-100.

Soluble interleukin-1 receptor antagonist serum levels in smokers and nonsmokers with Graves' ophthalmopathy undergoing orbital radiotherapy. Hofbauer LC, et al. **J Clin Endocrinol Metab** 1997 Jul;82(7):2244-7

Cytosolic domain of the type I interleukin-1 receptor spontaneously recruits signaling molecules to activate a proinflammatory gene. Singh R, et al. **J Clin Invest** 1997 Jul 15;100(2):419-28

## RECEPTORS, INTERLEUKIN-2

Bispecific humanized anti-IL-2 receptor alpha beta antibodies inhibitory for both IL-2- and IL-15-mediated proliferation. Pilson RS, et al. **J Immunol** 1997 Aug 1; 159(3):1543-56

## RECEPTORS, LAMININ

Laminin suppresses progesterone production by human luteinizing granulosa cells via interaction with integrin alpha 6 beta 1. Fujiwara H, et al. **J Clin Endocrinol Metab** 1997 Jul;82(7):2122-8

Involvement of laminin and its receptor in abrogation of heart graft rejection by autoreactive T cells from Trypanosoma cruzi-infected mice. Silva-Barbosa SD, et al. **J Immunol** 1997 Jul 15;159(2):997-1003

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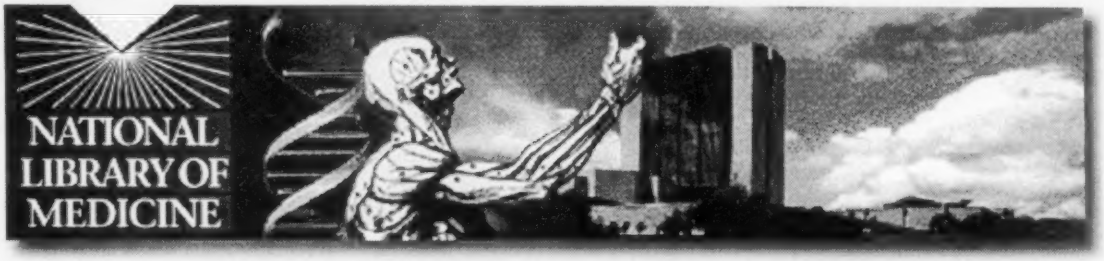


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